

C. *Walters* 7-16-90 5

DESCRIPTION APP'D./DATE REV

7-16-90 5

SAFETY ORGANIZATION(S):
 THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:

UL RECOGNIZED
 CSA CERTIFIED
 VDE APPROVED
 SEV APPROVED
 UL 1283
 CSA 22.2, NO.0,0.4,8
 VDE 565-3
 SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:
 LINE VOLTAGE/CURRENT:

6 AMP., 120/250 VAC
 5 AMP./40°C, 250 VAC
 50-60HZ
 40°C

LINE FREQUENCY:
 MAX. CASE RISE @ RATED CURRENT:
 MAX. LEAKAGE CURRENT, EACH
 LINE TO GROUND
 OPERATING AMBIENT TEMP. RANGE:

IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85-T_a}{45}}$$

-40°C TO +85°C
 21 DAYS @ 40°C 95% RH
 6 TIMES RATED CURRENT FOR 8 SECONDS

RELIABILITY SPECIFICATIONS:
 STORAGE TEMPERATURE:
 HUMIDITY:
 CURRENT OVERLOAD TEST:

INDUCTANCE: 8.73 mH NOMINAL
 CAPACITANCE: (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)
 LINE TO GROUND: .006µF ±20%
 LINE TO LINE: .54µF ±20%
 DISCHARGE RESISTOR 330 KΩ
 LINE/GROUND AND LINE/LINE 6000 MΩ (MIN) AT 100 VDC
 INSULATION RESISTANCE 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND: 2250 VDC FOR 1 MINUTE
 LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:
 THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES ± 1°
 ENGLISH: ±.025
 METRIC: ±

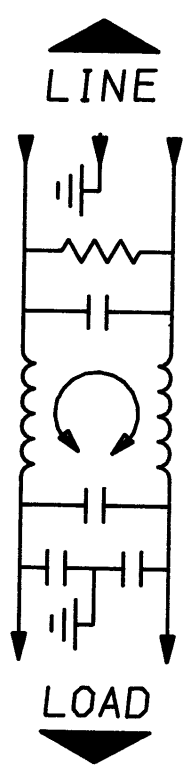
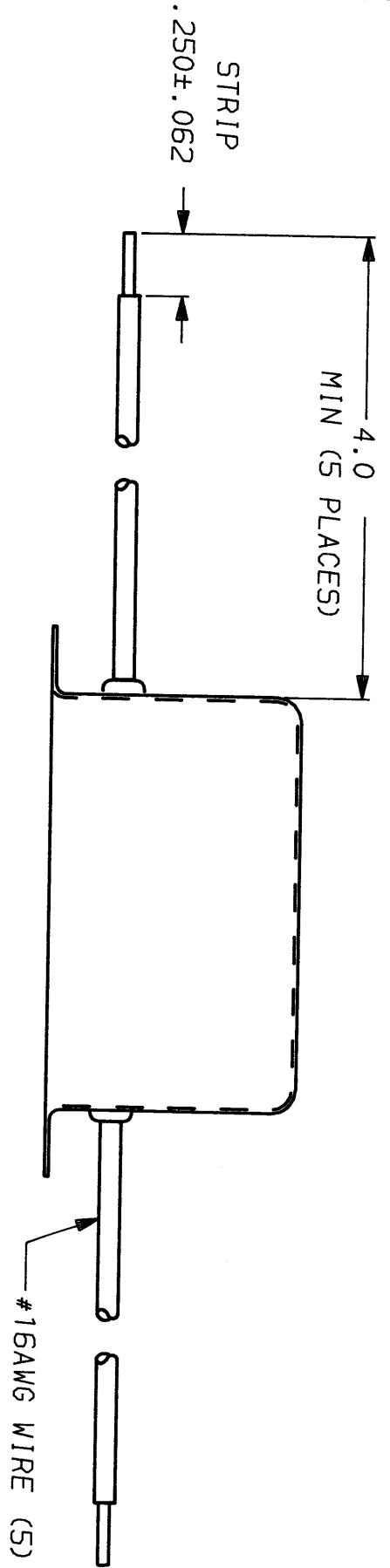
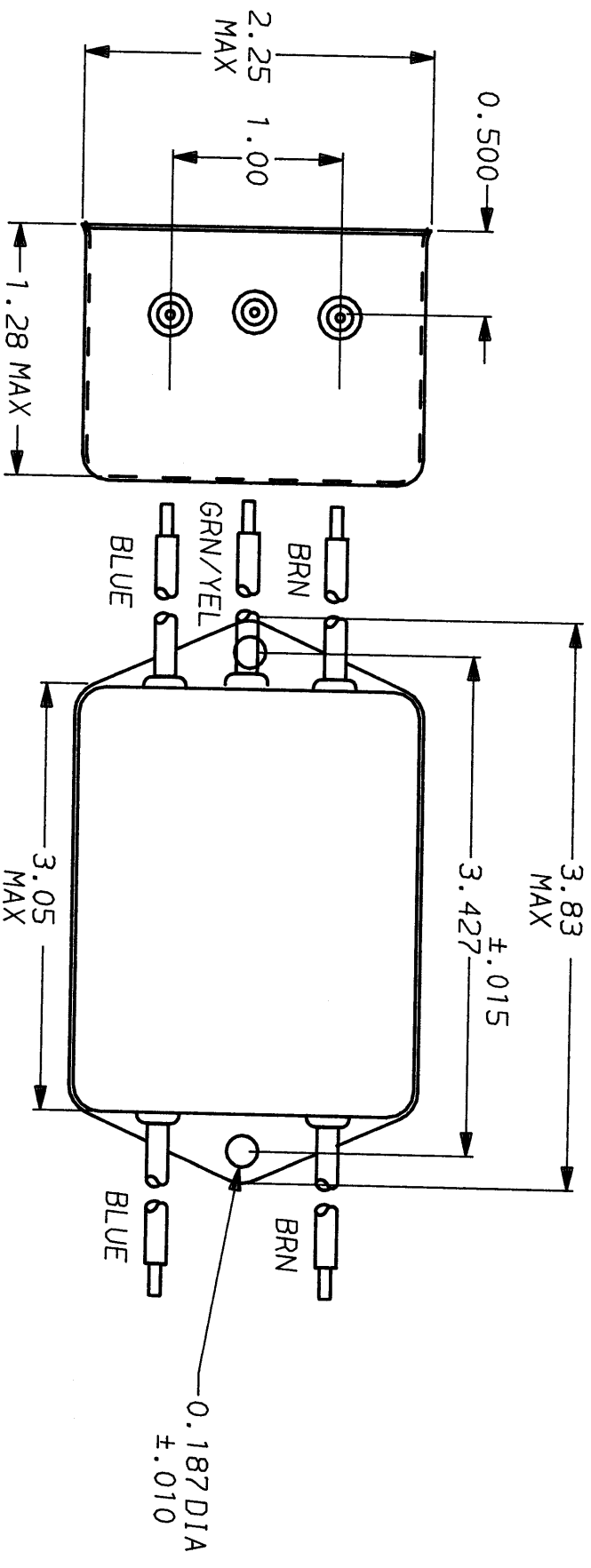
MATERIAL:
 AS SUPPLIED

FINISH:
 AS SUPPLIED



POWER LINE FILTER

SCALE: NTS DATE: 9-12-89 DRG. NO.: 6ESK3.05
 DRN. BY: TDL ORIGINAL: CM REV.:



50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHZ	.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30
COMMON DB	6	12	20	27	28	30	45	45	45	45	38	27
DIFF. DB	1	1	2	3	10	25	59	65	62	40	40	40

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